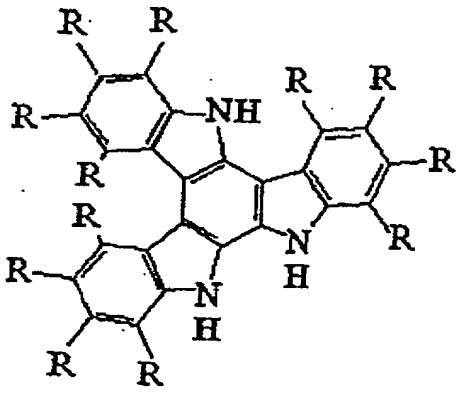
IN THE CLAIMS

What is claimed is:

1. A secondary battery having an active material of an electrode comprising a trimer compound comprising three units of indole or indole derivatives in condensed ring form, wherein the second position and the third position of each unit form a six-membered ring, and a proton which can be utilized as a charge carrier of the trimer compound.

2. The battery as claimed in Claim 1, wherein the receipt and release of electrons in accordance with the oxidation-reduction reaction of the trimer compound are carried out only by the bonding and elimination of the proton bonded to the trimer compound.

3. The secondary battery as claimed in Claim 1, wherein the trimer compound is represented by the following general formula(1):



(1)

wherein each R represents a hydrogen atom or a substituent, independently.

4. The secondary battery as claimed in Claim 1 comprising an electrode containing 30 wt% to 95 wt% of the trimer compound.

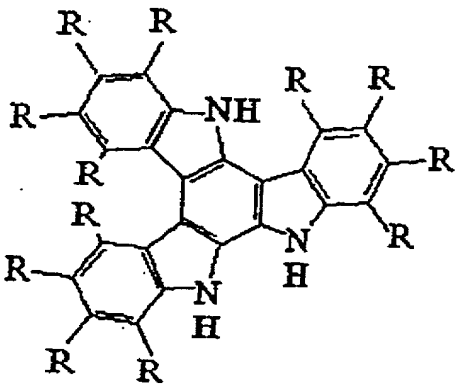
5. The secondary battery as claimed in Claim 1 comprising a solution containing 10^{-3} mol/l to 18 mol/l of proton as the electrolyte.

6 A capacitor having an active material of an electrode comprising a trimer compound comprising three units of indole or indole derivatives in condensed ring form, wherein the second position and the third position of each unit form a six-membered ring, and a proton which can be utilized as a charge carrier of the trimer

compound.

7. The capacitor as claimed in Claim 6, wherein the receipt and release of electrons in accordance with the oxidation-reduction reaction of the trimer compound are carried out only by the bonding and elimination of the proton bonded to the trimer compound.

8. The capacitor as claimed in Claim 6, wherein the trimer compound is represented by the following general formula(1):



(1)

wherein each R represents a hydrogen atom or a substituent, independently.

9. The capacitor as claimed in Claim 6 comprising an electrode containing 30 wt% to 95 wt% of the trimer

compound.

10. The capacitor as claimed in Claim 6 comprising a solution containing 10^{-3} mol/l to 18 mol/l of proton as the electrolyte.

11. A secondary battery comprising:

a first electrode with a first electrode active material;

a second electrode with a second electrode active material; and

an electrolyte intermediate between the first electrode and the second electrode, the electrolyte including a proton source material;

wherein the first electrode active material and the second electrode active material undergo a reversible oxidation-reduction reaction, and

both or one of the first and second electrode active materials comprise a trimer compound comprising three units of indole or indole derivatives in condensed ring form, wherein the second position and the third position of each unit form a six-membered ring.

12. A capacitor comprising:

a first electrode with a first electrode active material;

a second electrode with a second electrode active

material; and

an electrolyte intermediate between the first electrode and the second electrode, the electrolyte including a proton source material;

wherein the first electrode active material and the second electrode active material undergo a reversible oxidation-reduction reaction, and

both or one of the first and second electrode active materials comprise a trimer compound comprising three units of indole or indole derivatives in condensed ring form, wherein the second position and the third position of each unit form a six-membered ring.